

M.A.R. 57 (Rule 116)

Measurement Book

No. A/10

80048

Serial No. 1st and final Bill

Name of work..... From..... To.....

Name of Contractor of nature of Agency Sri K. B. Alankar, Sahakar Nagar - 92Date of commencement of work D.O.R.

Date of commencement of work.....							
Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Name of work: Drilling of Borewell providing and installing pump motor and other accessories and development of Parks and providing children play and gym equipments at N.T. 1st stage, Gutudharshan Nagar in Ward No 9 (Vidyanagarapada)						
	Est cost Rs: 97.00 lacs, Job code NO: 009-21-000006 Head of A/C: P0299 Work order NO: BBMP/EE/BTP/100/191/2020-21 Date: 23/02/21						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 1)	Geophysical investigation of site for sinking borewells for supplying drinking water to the habitation of the etc..						
	Quantity vide EMB P.NO					= 2.00 Each	
	Rate @ Rs: 3955.27/Each					= 7911.00/-	
Item 2)	Sinking borewell of 165mm dia clear using superfat + hydraulic rig of capacity 250 PSIG and above CFM etc-						
	Quantity vide EMB P.NO					= 100 Rmt	
	Rate @ Rs: 364.25/Rmt					= 36425.00/-	
Item 3)	50 to 100mtr EMB P.NO					= 100 Rmt @ 1163.97/Rmt = 116397.00/-	
Item 4)	100 to 150m EMB P.NO					= 100 Rmt @ 1178.66/Rmt = 117866.00/-	
Item 5)	150 to 200m EMB P.NO					= 100 Rmt @ 562.64/Rmt = 56264.00/-	
Item 6)	200 to 250m EMB P.NO					= 100 Rmt @ 665.51/Rmt = 66551.00/-	
Item 7)	250 to 300m EMB P.NO					= 100 Rmt @ 734.79 = 73479.00/-	
Item 8)	300 to 350m EMB P.NO					= 100 Rmt @ 866 Rmt = 86600.00/-	

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80049

Serial No.....

Name of work.....From.....To.....

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 9)	Supply of ISI mark 175mm nominal bore. Plain end steel casing pipe - grade of steel Fe 410 of wall thickness etc. - Quantity vide EMB P.NO = 160 Rmtr Rate at Rs: 1448.59/Rmtr = 231775.00						
Item 10)	Providing 250mm dia PVC pipe 6kg/cm etc. - Quantity vide EMB P.NO = 36.00 Rmtr @ 1154.63 = 41569.00						
Item 11)	Providing and fixing Borewell cap and clamp set etc. - Quantity vide EMB P.NO = 2 set @ 1889.46/set = 3779.00						
Item 12)	Supply and Delivery at site brand new hand/normal (1/200) Sabal Atalanta / Calamul / make suitable etc. -						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	QUANTITY VIAL EMB P.ND Rate @ Rs: 6653.85/NO'S = 2.00 NO'S @ = 133308.70						
ITEM 13	GI PIPE 50MM 'B' CLASS ETC - QUANTITY VIAL EMB P.ND UP TO 12 ST = 642 @ 135.63 = 279675.70						
ITEM 14	Heavy Duty collar 50mm dia ETC - QUANTITY VIAL EMB P.ND = 107 NO'S @ 188.95/NO'S = 20218.55						
ITEM 15	Providing non-return valve 50mm dia ETC - QUANTITY VIAL EMB P.ND = 2 NO'S @ 1889.46/NO'S = 3799.00						
ITEM 16	Providing Gate valve 50mm ETC QUANTITY VIAL EMB P.ND = 10.00 NO'S @ 1889.46/NO'S = 18895.00						
ITEM 17	SUPPLYING and fixing out 0000 Panel up to 15 HP ETC - QUANTITY VIAL EMB P.ND = 2 NO'S @ 16230.35/NO'S = 32540.70						

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Serial No.....

Name of work.....From.....To.....

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
18/11/18	Submersible cable 173x6.0 sq. mm etc. Quantity vice EMB P.NO		= 1320m		@ 151.16/m		= 199532.00/-
19/11/18	Labour charges for erection of new/repaired submersible pumps it along with GI pipe cable etc. Quantity vice EMB P.NO		= 107 L		@ 92.32/L		= 9854.00/-
20/11/18	Supplying and fixing 20' x 20' x 2.5" polished wood board made of not less than 15mm thick planks etc. Quantity vice EMB P.NO		= 2.00		Each @ 3065/-/Each		= 614.00/-
21/11/18	Supplying of 1.1 KV LT UG cable having aluminium conductor etc Quantity vice EMB P.NO		= 70mtr		@ 157.46/mtr		= 11023.00/-

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 22	labour charges for laying of 1.1kV class UG cable in trench GI pipe etc - Quantity vide EMB P.NO					$= 700 \text{ mtr} @ 12.43/\text{mtr} = 8700.10$	
Item 23	Digging of trench of 0.6m Deep x 0.5m wide refilling etc - Quantity vide EMB P.NO					$= 30 \text{ mtr} @ 19.98/\text{mtr} = 599.40$	
Item 24	supplying and fixing of class A CM cable (qty) GI pipe of 10cm minig new bus bar 3.25mm on pole etc - Quantity vide EMB P.NO					$= 8 \text{ mtr} @ 351.65/\text{mtr} = 2813.20$	
Item 25	supplying and fixing L.T. cut + iron post ready suitable for 1.1kV Quantity vide EMB P.NO					$= 2 \text{ nos} @ 283.42/\text{nos} = 566.84$	
Item 26	supplying, fixing, wiring, earth electrode for grounding conductor Quantity vide EMB P.NO					$= 2 \text{ nos} @ 3148.29/\text{nos} = 6296.58$	
Item 27	supplying and fixing miniature circuit breaker etc -						

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Quantity vice EMB P.NO - 12 NOS @ 182.65/NOS = 2192.00/-						
Item 28)	Supplying and fixing miniature circuit breakers on existing MCB distribution board etc						
	Quantity vice EMB P.NO = 2 NOS @ 1800.24 NOS = 3601.00/-						
Item 29)	Fabricating supplying and mounting MS box made cut sheet suitable for floor etc						
	Quantity vice EMB P.NO = 46 NOS @ 0.37/sheet = 17316.00/-						
Item 30)	Earthwork excavation for pipeline trenching including deepening of bank up to a level of 50mm etc						
	Quantity vice EMB P.NO up to 125% = 79.20 cum @ 275.02/cum = 21782.00/-						

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 31)	Providing and installation at site of works P.V.C. pipes including cost of pipes etc Quantity vide EMB P.NO UP TO 12St = 2202mt @ 27.24 = 47804.00						
Item 32)	Filling the foundation trenches with approved sand as per drawing and technical specification etc Quantity vide EMB P.NO UP TO 12St = 26.40 cum @ 3381.11 = 8922.00						
Item 33)	Refining the basement and pipeline trenches with selected available earth for trench excavation etc Quantity vide EMB P.NO UP TO 12St = 52.80 cum @ 106.2 = 5709.00						
Item 34)	Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually etc Quantity vide EMB P.NO = 62.36 cum @ 369.64/cum = 23050.00						
35)	Providing and laying in position Plain cement concrete of min 1:1.5 with opc etc Qty up to 12St = 9.45 cum @ 5676.90/cum = 53647.00 Qty Above 12St = 11.35 cum @ 5676.90/cum = 64453.00						

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Name of work.....From.....To.....

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 36)	providing and constructing granite / trap / basalt size stone masonry in foundation etc - Quantity vide EMB P. NO = 20.09 cum @ 5113.89 / cum = 102728.00						
Item 37)	providing and constructing granite / trap / basalt size stone masonry in foundation etc - Quantity vide EMB P. NO = 0.00 cum = 0.00						
Item 38)	providing furnishing to square rubble etc - Quantity vide EMB P. NO = 0.00 cum = 0.00						
Item 39)	finishing the foundations trenches using approved sand as per drawing and technical specification etc - Quantity vide EMB P. NO = 22.71 cum @ 3381.11 = 245868.00						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
Item 10)	Providing and laying in position plain cement concrete masonry with OPC @ 240 kgs etc - Qty 4P10 1251. Qty 1251		= 29.23mm	@ 6100.84/cum = 166096.2			
			= 7.17 cum	@ 6329.22/cum = 45362.5			
Item 11)	Providing and laying flooring using precast steel. water proof quantity vice EMB P.NO = 0.00 sqm						
Item 12)	Providing and laying heavy duty cobble stones 60mm thick interlock paver etc - Qty vice EMB P.NO = 193.95 sqm			@ 1171.65/sqm = 22924.2			
Item 13)	Providing and fixing precast solid cement concrete kerb stone made out of CCK 24 etc - Qty vice EMB P.NO 4P10 1251 = 1340 NO @ 62.54 = 61950.1						
Item 14)	Providing and applying ready mix priming coat over concrete etc Qty vice EMB P.NO = 291.31 sqm @ 11.95/sqm = 11382.07						

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
MM 15)	priming and applying spray painting in 100 coats etc - quantity vice EMB P.NO = 2 @ 1.31/sqm @ 96.36/sqm = 26143.00/-						
MM 16)	supply and fixing of Full door challenger etc - quantity vice EMB P.NO = 2 NOS @ 251295.18/NOS = 502590.36/-						
MM 17)	supply and fixing of sealed chest plus etc - quantity vice EMB P.NO = 2 Each @ 240822.42/Each = 481644.84/-						
MM 18)	supply and fixing of self weighted roller etc - quantity vice EMB P.NO = 2 @ 172767.5/Each = 345535.00/-						

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Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
HM49	SUPPLY and fitting of ~~ELLIPICAL~~ CROSS ~~RAINER~~ etc. - Quantity vice EMB P.NO = 2 @ NO'S @ 146590.61 / NO'S =					293182	
HM50	SUPPLY and fitting of ~~RIDER~~ metal etc. - Quantity vice EMB P.NO = 2 @ NO'S @ 947236.82 / NO'S =					188474	
HM51	SUPPLY and fitting of ~~BICYCLE~~ metal etc. - Quantity vice EMB P.NO = 2 @ 130884.47 / each =					26176	
HM52	SUPPLY and fitting of ~~TWOIST~~ ~~SLEPPER~~ etc. - Quantity vice EMB P.NO = 2 @ 188473.64 / each =					376948	
HM53	SUPPLY and fitting of ~~Big~~ ~~SHOULDER~~ ~~WHEEL~~ etc. - Quantity vice EMB P.NO = 2 @ 125649.09 / each =					251299	
HM54	SUPPLY and fitting ~~HO~~ ~~HEAVY~~ ~~WALKER~~ etc. - Quantity vice EMB P.NO = 2 @ 146590.61 / each =					293182	

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
HM55)	SUPPLY and Fixing HD Square Pushing metal etc. Quantity vide EMB P. NO: 2 @ 22.51/21.29/Each =						150243.00
HM56)	SUPPLY and Fixing miniski metal etc. Quantity vide EMB P. NO: 2 @ 167532.12/Each =						335065.00
item 57)	SUPPLY and Fixing of HD Double Helix metal etc. Quantity vide EMB P. NO: 2 @ 251295.18/Each =						502597.00
HM58)	SUPPLY and Fixing of HD Waist Twister metal etc. Quantity vide EMB P. NO: 2 @ 136460/Each =						272922.00

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Supplying of granite benches as per drawing including cost of steel etc. - Quantity value EMB P.NO = 5 nos @ 1102.85 / nos = 5511.25						
E1	Earthwork excavation by manual means for roads, drains and similar works in ordinary soil etc. - Quantity value EMB P.NO = 168.13 cum @ 213.92 = 36121.00						
E2	Removing and refixing stone slabs of drains and pointing Quantity value EMB P.NO = 390.24 sqm @ 116.83 / sqm = 45598.00						
E3	Providing granite slabs of selected quarrying roughly dressed having a size of 7.5cm thick etc. - Quantity value EMB P.NO = 169.02 sqm @ 778.88 = 131646.00						
E4	Providing and constructing load bearing wall with solid concrete blocks etc. - Quantity value EMB P.NO = ~~1070~~ 321.40 sqm @ 1070 / sqm = 393542.00						

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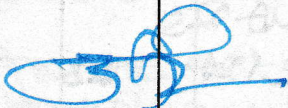
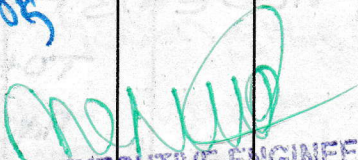
Date of commencement of work.....

Date 1	Full description, etc., of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
5	providing and fixing pre cast concrete slab made out of cc 1:2:4 with 10mm thick and finishing see - quantity vide EMB P.NO-263/13 same @ 2453/5 = 646234.00						
				Total amount RS	=	9065691.00	
				Add GST @ 12% RS	-	1087883.00	
				Grand Total Amt RS	=	1,01,53,574.00	
				(Signature)			
				(Signature)			
				ASSISTANT EXECUTIVE ENGINEER			
				Vidyanagar Sub-Division			

ASSISTANT EXECUTIVE ENGINEER
Vidyaranya Sub-Division

Bruhath Bengaluru Mahanagara Palike

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate:- 1) The work executed by the contractor is found satisfactory. 2) The contractor has removed the debris from the work spot. 3) There are no departmental issues for this work. 					 ASSISTANT EXECUTIVE ENGINEER Vidyaranya Sub-Division Bruhat Bengaluru Mahanagara Palike	

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80056

Serial No.....

Name of work.....From.....To.....

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Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
						Nidharanyapura Main Road 10th Main Road NTI ground INDEX: - Flagging course	

ASSISTANT EXECUTIVE ENGINEER
Vidyanarayana Sub Division

MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	<i>Frost & Frost Bui</i> ಲೆಕ್ಕಶೀರ್ಷಿಕೆ <i>D - 0299</i> ರಡಿ ಜಲ್ಲ ಮೊಬಲಗು ರೂ. <i>10153500=00</i> ಗಳನ್ನು ಪಾವತು ಮಾಡಿದೆ. ಇದರಲ್ಲ ರೂ. <i>406538=00</i> ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ ಮಾಡಿಕೊಂಡು ರೂ. <i>9746962=00</i> ಗಳನ್ನು FT/NEFT/RTGS ಮುಖಾಂತರ ನೀಡಲಾಗಿದೆ <i>519</i> ನಿರ್ದೇಶಕರು ನಿರ್ವಾಹಕರು ಬ್ಯಾಂಕರಾಯನವರ ವಿಭಾಗ ಬೈ.ಬಿ.ಮ.ಪಾ. ಬೆಂಗಳೂರು					<i>BA - 10153500=00</i> <i>RF - 101535=00</i> <i>GR - 90654=00</i> <i>GR - 90657=00</i> <i>LC - 101535=00</i> <i>URF - 10154=00</i> <i>LR - 12000=00</i> <i>FT - 406538=00</i> <i>Cheque - 9746962=00</i>	